

R E G I S T E R E D

25X1A [ ] #1263

31 October 1966

25X1A



Subject: Interferometer Test and Retrofit Program  
405AM and 405B - Chip Comparator

Gentlemen:

25X1A

In accordance with the visit to our facility by Messrs. [ ] the following decisions were made concerning the stability problem with the interferometers on subject equipment.

25X1A

25X1A

1) [ ] has completed its engineering evaluation of necessary changes to the interferometers to increase their stability. [ ] is presently in process of modifying and testing five (5) production units to determine acceptance on a production basis.

2) Modifications of the 405B equipment at your facility will not be accomplished until the below described test program is completed.

3) The 405AM, presently in our facility will be used as a "test bed" to verify that the interferometer changes fulfill your requirements.

25X1A

4) [ ] will remove two (2) interferometers (one already in our plant) from a 405B in your facility, modify same, and install on the 405AM "test bed". It is expected that this effort will be completed on the 405AM by 2 December 1966.

5) After initial checkout, [ ] will be notified that the test program is underway on the 405AM for a possible visit to observe testing activities.

25X1A

DECLASS REVIEW by NIMA/DOD

GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION

~~CONFIDENTIAL~~

25X1A [ ] #1263

Page 2

25X1A 6) The test program is expected to last approximately one month, therefore, shortly after 1 January 1967, [ ] will inform [ ] that program is complete and that activities should be immediately initiated to modify all 405B's.

25X1A

25X1A The above dates are given as our best estimate to complete the phases described. It is quite possible that there may be delays in procurement of necessary parts, installation and/or testing phases. [ ] will do all in its power to adhere to this schedule.

At this time, it is not felt necessary to obtain contractual coverage for the above activities. [ ] is making the assumption that this activity is part of the 405B program and that the 405AM is only used as a "test bed" to verify the interferometer changes. When we have completed our test program and verified the changes, contractual coverage will be necessary to modify the 405AM and to retrofit the interferometers to the new configurations. Budget figures for modifications on the 405AM are [ ] Exact figures will be provided as soon as possible after 2 December.

25X1A

25X1A

The remaining 405B equipments at your facility will be left in their present condition until the test program is completed. Upon final decision, the retrofits will take a 3 to 4 month period to remove the interferometers, make the necessary changes, re-install, and retest, indicating availability of the 405B's as April - May 1967, unless a concurrent program is decided upon.

If we can provide any additional information, or if you wish changes on the above described program, please contact us at your earliest convenience.

Very truly yours,



25X1A

LHB:rf

~~CONFIDENTIAL~~GROUP 1  
EXCLUDED FROM AUTOMATIC  
DOWNGRADING AND  
DECLASSIFICATION